UNIVERSITY OF VIRGINIA
BOARD OF VISITORS
MEETING OF THE
BUILDINGS AND GROUNDS
COMMITTEE
JUNE 9, 2016
BUILDINGS AND GROUNDS COMMITTEE

Thursday, June 9, 2016
1:30 - 3:00 p.m.
Auditorium of the Albert and Shirley Small
Special Collections Library, Harrison Institute

Committee Members:
Kevin J. Fay, Chair       Bobbie G. Kilberg
Mark T. Bowles           James V. Reyes
Whittington W. Clement   William H. Goodwin Jr., Ex-officio
Barbara J. Fried         Joe Garofalo, Faculty Member
Frank E. Genovese        Phoebe A. Willis, Student Member

AGENDA

I. REMARKS BY THE CHAIR (Mr. Fay) 1

II. ACTION ITEMS
   A. Revised 2016-2022 Capital Program (Ms. Sheehy) 2
   B. Architect/Engineer Selections (Ms. Sheehy)
      1. Baseball Stadium Expansion 9
      2. Old Ivy Road Office Building 10
   C. Concept, Site, and Design Guidelines (Ms. Sheehy
      to introduce Ms. Alice J. Raucher; Ms. Raucher to
      report)
      1. Old Ivy Road Office Building 11
      2. Ivy Stacks Expansion 17

III. COMMITTEE DISCUSSION 25
   • Ivy Corridor Strategic Planning Study (Ms. Sheehy
     to introduce Mr. Ricardo Dumont; Ms. Raucher and
     Mr. Dumont to report)
   • Brandon Avenue Planning Study (Ms. Raucher)

IV. WRITTEN REPORTS
   A. Major Projects Status Report 27
   B. Revised Capital Program 32
   C. Architect/Engineer Selection Report for Capital
      Projects Less Than $5 Million 39
   D. Post Occupancy Evaluations (Ruth Caplin Theatre, North Grounds Recreation Center)
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING:       June 9, 2016

COMMITTEE:           Buildings and Grounds

AGENDA ITEM:         I. Remarks by the Chair

ACTION REQUIRED:     None

BACKGROUND:  The Committee Chair will provide introductory remarks.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: June 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.A. Revised 2016-2022 Capital Program

BACKGROUND: In November 2015, the Buildings and Grounds Committee endorsed a revised capital approval process to more actively engage the Board of Visitors throughout the capital planning process. As shown in the following flowchart, projects proposed to be added to the capital planning master list are reviewed with the Buildings and Grounds Committee after being vetted by the Space Leadership Committee and executive leadership to ensure alignment with institutional priorities. Projects are then prioritized and the revised capital plan is presented to the Board for approval in June.
DISCUSSION: In June 2015, the Board of Visitors approved the 2016-2022 Multi-Year Capital Program as required by the State. Under the revised Strategic and Capital Planning Process, the University intends to update the Plan annually to include new projects, remove projects that are no longer a priority, and align high-priority projects across a six-year plus timeframe according to the level of work and resources expected to be devoted to each project. To help determine where a particular project fits relative to the 2016-2022 timeframe the Space Leadership Committee (SLC) used the following criteria:

- Responds to a legal, compliance, or regulatory mandate; addresses a life safety risk
- Addresses more than one function/unit
- Aligns with the strategic goals of the University
- Provides value to the customer
- Improves current conditions
- Complies with current land use master plans
- Presents a viable funding plan

The SLC evaluated all previously-authorized projects except those currently in construction and all proposed projects based on how well each met the above criteria. The group concluded that while all the projects are of high priority, it is not practical to devote resources, whether financial or human, to all of them at one time. Instead, the group chose to prioritize the projects into three buckets across a six-year or longer timeframe (see chart on pages 6 and 7). Those projects on which we are currently working or expect to devote resources within the next 24 months are prioritized as near-term; projects we can anticipate initiating during 2018-20 were categorized as mid-term, with the remaining projects expected to begin after June 30, 2020 deemed long-term. Prioritizing in this manner will also align with State requirements for the submission of Six-Year Capital Plans in odd-numbered years.

During its review, the SLC removed from the current plan three long-term projects that based on current circumstances are anticipated to change in scope or approach: (1) Science and Engineering Teaching and Research Facility; (2) New South Lawn Academic Building -- Phase II; and (3) Thornton Hall D-Wing and B-Wing Renovation. The administration will work with the deans to assess the strategic and programmatic needs of the schools given new leadership and revised vision and will bring forward appropriate requests for new or renovated space as part of the capital planning process.
In addition to the projects included on the revised Capital Program, the University has identified several major capital planning studies that will inform future specific projects, all of which have been reviewed previously with the Buildings and Grounds Committee. Expected completion dates are noted in parentheses:

- Brandon Avenue Planning Study (September 2016)
- Darden School of Business Facilities Master Plan (June 2016)
- Health System Integrated Planning Study (Fall 2016)
- Ivy Corridor Strategic Planning Study (Phase I, June 2016)
- Ivy Mountain Redevelopment Planning (Fall 2016)
- McIntire School of Commerce Space Needs Study (Complete)
## Revised 2016-2022 Capital Program

<table>
<thead>
<tr>
<th>Academic Division</th>
<th>Projects In Construction/In Planning</th>
<th>Near-Term (2016-18)</th>
<th>Mid-Term (2018-20)</th>
<th>Long-Term (2020 and beyond)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In Construction</strong></td>
<td>- Rotunda Renovation</td>
<td>- Alderman Library Renewal Phase I (Planning)</td>
<td>- Alderman Library Renewal Phase I (Construction)</td>
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<td></td>
<td>- UVA-Dominion Virginia Power Ductbank</td>
<td>- Physics Building Renewal (Planning)</td>
<td>- Physics Building Renewal (Construction)</td>
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<tr>
<td></td>
<td>- McCormick Road Residence Hall Renovation</td>
<td>- Frank Batten School of Leadership and Public Policy¹</td>
<td>- MR-4 Renovation</td>
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<tr>
<td></td>
<td>- Gilmer Hall and Chemistry Building Renovation</td>
<td>- Elson Student Health Center¹</td>
<td>- Bayly Building Addition/Removal</td>
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<td></td>
<td>- Inn at Darden Renovation</td>
<td>- Old Ivy Road Office Building¹</td>
<td>- Anheuser-Busch Coastal Research Center - Phase II</td>
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<tr>
<td></td>
<td>- Gooch Dillard Residence Hall Renovation Phase III</td>
<td>- Memorial for Enslaved Laborers¹</td>
<td>- Fiske Kimball Fine Arts Library Renewal</td>
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<tr>
<td><strong>In Planning</strong></td>
<td>- Center for Human Therapeutics</td>
<td>- Center for Politics¹</td>
<td>- New Music Building</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Ivy Stacks Expansion</td>
<td>- Tennis Stadium at Boar's Head (UVAF)¹</td>
<td>- North Grounds to Old Ivy Ductbank</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Contemplative Sciences Center</td>
<td>- Golf Facility at Birdwood Golf Course (UVAF)¹</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ New project on the Capital Program.
<table>
<thead>
<tr>
<th>Medical Center</th>
<th>Projects In Construction/In Planning</th>
<th>Near-Term (2016-18)</th>
<th>Mid-Term (2018-20)</th>
<th>Long-Term (2020 and beyond)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Center</td>
<td>In Construction</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• University Hospital Renovation (Levels 7 &amp; 8)</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• University Hospital Expansion</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Outpatient Procedure Center Renovation</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• 500 Ray C. Hunt Drive Acquisition and Renovation (clinic space)</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Education Resource Center</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• 545 Ray C. Hunt Renovation (clinic space)</td>
<td></td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
<td>• Emily Couric Clinical Cancer Center 4th Floor Fit-Out</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Medical Center Data Center</td>
<td></td>
<td></td>
<td>N/A</td>
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<tr>
<td>College at Wise</td>
<td>New Library</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Wyllie Library Renovation and Conversion (Planning)</td>
<td></td>
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<td></td>
<td>• Wyllie Library Renovation and Conversion (Construction)</td>
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<tr>
<td></td>
<td>• Sandridge Science Center Lab Wing Renovation</td>
<td></td>
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<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Campus Welcome Center/Public Safety Facility</td>
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<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Proscenium Theatre</td>
<td></td>
<td></td>
<td>N/A</td>
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<tr>
<td></td>
<td>• Athletic Building</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Bowers-Sturgill Hall Renovation</td>
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<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Darden Hall Renovation</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>• Zehmer Hall Renovation</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>
ACTION REQUIRED: Approval by the Buildings and Grounds Committee and by the Board of Visitors

REVISED 2016-2022 CAPITAL PROGRAM FOR THE ACADEMIC DIVISION, MEDICAL CENTER, AND COLLEGE AT WISE

WHEREAS, the Buildings and Grounds Committee endorsed a revised capital approval process in November 2015; and

WHEREAS, projects are vetted by the Space Leadership Committee and executive leadership, as well as by appropriate committees of the Board of Visitors, to ensure alignment with the Cornerstone Plan and institutional priorities; and

WHEREAS, the projects included in the proposed 2016-2022 Capital Program are arrayed across a six-year plus timeframe based on the anticipated work related to each project; and

WHEREAS, the University is also engaging in several major capital planning studies that will result in specific projects in the future;

RESOLVED, the revised 2016-22 Capital Program for the Academic Division, the Medical Center, and the College at Wise as reflected on the attached chart is approved.
BOARD MEETING: June 9, 2016
COMMITTEE: Buildings and Grounds
AGENDA ITEM: II.B.1. Architect/Engineer Selection:
Baseball Stadium Expansion

BACKGROUND: The University is expanding the baseball stadium at Davenport Field in order to fulfill its programmatic goals. The expansion project will complement the recent past stadium additions and enhancements.

DISCUSSION: A joint selection committee from the Athletics Department and the Office of the Architect for the University interviewed three architectural firms from a list of eight firms that submitted Letters of Interest, all with the required experience working on similar projects, to provide architectural services for this project. Based on proposals submitted by the firms and by interviews, the selection committee chose DLR Group as the most qualified for this project.

The University recommends the selection of DLR Group of Omaha, NE for this contract. This firm has extensive experience designing new and renovated university/college baseball stadiums across the country.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

ARCHITECT/ENGINEER SELECTION, BASEBALL STADIUM EXPANSION

RESOLVED, DLR Group, of Omaha, NE is approved for the performance of architectural services for the Baseball Stadium Expansion.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: June 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.B.2. Architect/Engineer Selection: Old Ivy Road Office Building

BACKGROUND: The University is planning an office building on Old Ivy Road to house University-affiliated administrative units. A site concept design will accommodate and organize the traffic flow through the site and plan for additional building capacity in the area.

DISCUSSION: A joint selection committee from the University of Virginia Foundation and the Office of the Architect for the University will be meeting on June 2 to interview architectural firms from a list of nine firms that submitted Letters of Interest, all with the required experience working on similar projects, to provide architectural services for this project. Based on the proposals submitted by the firms and the interviews, the selection committee will recommend selection of the most qualified firm for this contract which will be presented to the Committee for approval at the June 9 meeting.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

ARCHITECT/ENGINEER SELECTION, OLD IVY ROAD OFFICE BUILDING

RESOLVED, ______________ of ______ is approved for the performance of architectural services for the Old Ivy Road Office Building.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: June 9, 2016

COMMITTEE: Buildings and Grounds

AGENDA ITEM: II.C.1. Concept, Site, and Design Guidelines: Old Ivy Road Office Building

$16-$18 million

BACKGROUND: The University plans to construct an office building to house University-affiliated administrative units. The project was presented to the Buildings and Grounds Committee in April 2016.

DISCUSSION: The multi-story building, which will be between 45,000 and 60,000 GSF, will be located northeast of the Fontana Food Building on Old Ivy Road. The site material storage space currently located on the site will be relocated as part of this project. Design of this new building will be preceded and supported by a site concept design that will assess capacity for future buildings and parking and will appropriately locate this first phase.

The Office of the Architect has prepared the concept, site, and design guidelines. Ms. Raucher will review the site and design guidelines with the Board.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE OLD IVY ROAD OFFICE BUILDING

RESOLVED, the concept, site, and design guidelines for the Old Ivy Road Office Building project, dated June 9, 2016 and prepared by the Architect for the University, are approved.
A) Proposed Project Concept
The University of Virginia plans to construct an office building to house University affiliated administrative uses; accommodate and organize the traffic flow through the site and plan for additional building capacity in that area. The project was presented to the Buildings and Grounds Committee in April 2016.

The multi-story building, 45,000-60,000 GSF will be located northeast of the Fontana Food Building on Old Ivy Road on a site currently occupied by a site material storage space. The site storage will be relocated as part of this project. Design of this new building will be proceeded and supported by a site concept design which will assess capacity for future buildings and parking and appropriately locate this first phase.

B) Siting Criteria
The University of Virginia general siting criteria for all new facilities include the following components. Those highlighted are the most pertinent in determining the siting recommendation for the Old Ivy Road Office building.

- Conforms with overall land use plan and district/area plans.
- Reinforces functional relationships with other components of the same department or program, and is compatible with other neighboring uses.
- Satisfies access requirements- pedestrian, bicycle, vehicular and service.
- Maximizes infill opportunities to utilize land resources and existing infrastructure.
- Minimizes site development costs, including extension of utilities, access, loss of parking, mass grading, etc.
- Minimizes opportunity cost; i.e., value of this use and size versus other alternatives.
- Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.
- Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, storm water management, etc.
- Avoids unnecessary environmental impacts, including significant tree removal or filling of existing stream valleys.
- Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
- Minimizes time for implementation of project.
C) Proposed Site
Adjacent to the Fontana Food Distribution Building and the Stacks, this building site offers a convenient location for University office use. The adjacent non-University sites on Old Ivy Road are well-constructed office buildings that will provide context for the design of the new structure.
View of proposed building site looking southwest on Old Ivy Road

View of proposed building site looking east, from interior of Old Ivy site
View of neighboring Jefferson Quarry office building

View of near-by 2400 Old Ivy Road Office Building
D) Design Guidelines

Site Planning
- Building footprint to consider adjacent office setbacks and building patterns on Old Ivy Road.
- Site to consider circulation, parking and future building locations.

Stormwater
- Address stormwater quality and quantity requirements onsite to the extent possible.

Circulation and Parking
- Allow for sufficient and safe circulation between adjacent buildings on site as appropriate.
- Provide adequate parking for building occupants.
- Accommodate pedestrian and bicycle access from Old Ivy Road.

Architecture
- Develop massing, fenestration, and architectural details to establish a compatible relationship to nearby existing facilities.
- Develop roof form that is complementary and contextual surrounding permanent structures.
- Utilize materials and colors compatible to adjacent structures.
- Integrate basic tenets of sustainable design, and attain LEED Certification as a minimum level, with Silver level as a goal.

Landscape
- Entry to be designed to provide a safe and attractive pedestrian experience.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide appropriate landscape screening from adjacent Recycling Center.
- Provide parking lot and street frontage plantings. Consider site greenspace and outdoor gathering spaces as available.

Review and Compliance
The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.
BACKGROUND: The expansion of the Ivy Stacks project is needed to enable the renewal of Alderman Library and to allow for future growth of the Library’s physical collections, which include not only books but special collections and research materials in other formats. An expanded Ivy Stacks will give flexibility to space planning on Central Grounds, and also provide the opportunity to create a comprehensive collection on-Grounds that is curated for faculty and student needs.

DISCUSSION: Located about two miles from Grounds on Old Ivy Road, the existing University Library’s Ivy Stacks Storage Facility opened in 1996 as an off-site shelving facility for valued but rarely used items for the entire Library system. In 2010-2012, it was “retro-fitted” to enable more storage, a project that doubled its capacity and ability to serve a library system whose buildings were nearly at capacity.

This facility will be expanded with high-density storage to accommodate the volumes to be relocated from Central Grounds as well as for future growth. It will also provide an opportunity for the Library to collaborate with the College and other schools to determine the best way to deploy library resources and balance the future management and role of the branch spaces. The expansion of Ivy Stacks will also accommodate the housing of additional special collections that are important to University research.

The Office of the Architect has prepared the concept, site, and design guidelines. Ms. Raucher will review the design guidelines with the committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee.
RESOLVED, the concept, site, and design guidelines for the Ivy Stacks Expansion project, dated June 9, 2016 and prepared by the Architect for the University, are approved.
Ivy Stacks Expansion
Concept, Site, and Design Guidelines

A) Proposed Project Concept
The expansion of the Ivy Stacks project is needed to allow for future growth of the Library’s physical collections, which include not only books but special collections and research materials in other formats. Print collections are growing at 35,000 volumes a year, and an expanded Ivy Stacks will relieve the space pressure the Library’s facilities currently face on Central Grounds, and offer flexibility for space planning. It will also provide the opportunity to create a comprehensive collection on-Grounds that is curated for faculty and student needs.

This project allows the Library to grow its research resources as the University expands its academic programs and aspirations. It also preserves the existing collection by storing it with consistent temperature and humidity controls. A controlled environment will dramatically slow the collections’ deterioration, thus preserving research resources for future generations.

The project will enable renovation work to be done on Alderman Library and other branch libraries by providing “swing space” for Alderman’s 2.5 million printed “volumes,” a number that includes not only books but also materials in other formats such as microfilms and maps. It will offer a more stable environment for preserving collections and will provide the same—or expanded—delivery service to the UVA community. An expanded off-site facility may also allow the Library to offer temporary space for other research libraries in the state, and possibly explore collaborative collections.

Located about two miles from Grounds on Old Ivy Road, the existing University Library’s Ivy Stacks Storage Facility opened in 1996 as an off-site shelving facility for valued but rarely used items for the entire Library system. In 2010-12 it was “retro-fitted” to enable more storage, a project that doubled its capacity and ability to serve a library system whose buildings are all almost full.

Today Ivy Stacks contains more than 12,000 square feet of storage space and houses more than 1.2 million volumes of materials from the Central Grounds, as well as the Darden, Health Sciences, and Law libraries. The building is climate-controlled for archival storage. Books requested by patrons are delivered to libraries on Grounds.

This facility will be expanded with high-density storage to accommodate the volumes to be relocated from Central Grounds as well as for future growth. It will also provide an opportunity for the Library to collaborate with the College and other schools to determine the best way to deploy library resources and balance the future management and role of the branch spaces. The expansion of Ivy Stacks will also accommodate the housing of additional special collections that are important to University research.
B) Siting Criteria
The University of Virginia general siting criteria for all new facilities include the following components. Those bolded are the most pertinent in determining the siting recommendation for the new Facilities Management building.

- Conforms with overall land use plan and district/area plans.
- Reinforces functional relationships with other components of the same department or program, and is compatible with other neighboring uses.
- Satisfies access requirements- pedestrian, bicycle, vehicular and service.
- Maximizes infill opportunities to utilize land resources and existing infrastructure.
- Minimizes site development costs, including extension of utilities, access, loss of parking, mass grading, etc.
- Minimizes opportunity cost; i.e., value of this use and size versus other alternatives.
- Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.
- Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, storm water management, etc.
- Avoids unnecessary environmental impacts, including significant tree removal or filling of existing stream valleys.
- Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
- Minimizes time for implementation of project.
Location Map

View of existing building from Old Ivy Road
View of existing building from Fontana Food Center

UVA ITC Data Center
UVA Printing and Copying Services

Image of compact book storage
D) Design Guidelines

Site Planning
− Use the existing site to maximize building program.
− Maintain mature pine trees in good health that buffer the building from Old Ivy Road.

Stormwater Management
− Adhere to local and state regulations, LEED requirements, and University standards.
− Address stormwater quality and quantity requirements onsite to the extent possible.

Circulation and Parking
− Maintain existing service routes for this and other buildings in the Fontana complex.
− Provide appropriate accessible pedestrian connections between the new library building and existing Ivy Stacks building.
− Provide appropriate parking for staff, service, LEO delivery, and visitors.
− Provide appropriate ADA parking.

Architecture
− Develop massing, fenestration, and architectural details to establish a compatible relationship to nearby existing facilities such as Printing and Copying Services and the UVA Data Center.
− Utilize materials and colors that are compatible with existing facilities.
− Integrate sustainable design.

Landscape
− All entries and parking to be designed to provide a safe and attractive pedestrian experience.
− Provide appropriate and safe levels of lighting in accordance with University standards.
− Provide plantings that are in context with recent area landscape improvements.

Review and Compliance
The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.
Ivy Corridor Strategic Planning Study

Mr. Ricardo Dumont from DumontJanks Architecture and Planning and Ms. Alice Raucher will review the progress of the Ivy Corridor Planning Study, and will discuss current activities and next steps.

Brandon Avenue Planning Study

Ms. Raucher will update the Committee on planning efforts for a long-term strategy to redevelop the Brandon Avenue area, and will discuss the schedule to reach a preferred concept on the site.
# MAJOR PROJECTS STATUS REPORT

**MAY 2016**

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<table>
<thead>
<tr>
<th>Project</th>
<th>University of Virginia, 207 - Academic Division</th>
</tr>
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<tbody>
<tr>
<td>Groch Dillard Residence Hall Renovation Phase III</td>
<td>32,800,000</td>
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<tr>
<td>Newcomb Road Chiller Plant</td>
<td>14,800,000</td>
</tr>
<tr>
<td>O'Neil Hall (former Rugby Faculty Apartments)</td>
<td>40,700,000</td>
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<tr>
<td>Residences on the Range, Phase II (Lofts, Hall)</td>
<td>$51,240,000</td>
</tr>
<tr>
<td>McCormick Road Utility Tunnel</td>
<td>14,600,000</td>
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| Authorizations Authorized Projects Under Construction | $13,850,000 |

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*Note: All project data is subject to change based on progress and budget updates.*
## MAJOR PROJECTS STATUS REPORT
### MAY 2016

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total Budget</th>
<th>Start Date</th>
<th>Approval Date</th>
<th>Concept/Design Milestone</th>
<th>Contractor/Engineer</th>
<th>Address</th>
<th>Schematic Design</th>
<th>Start Date</th>
<th>Contract Date</th>
<th>Status</th>
<th>Comments/Update on Progress</th>
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<tr>
<td>UVA-Dominion Virginia Power Reexamination Study</td>
<td>$12,855,636</td>
<td>Jan-15</td>
<td>Subscription intermediate</td>
<td>N/A</td>
<td>Feb-15</td>
<td>Dewberry Engineers</td>
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<td>Design complete. Construction procurement in progress.</td>
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<td>Contemplative Sciences Center Facility</td>
<td>$33,300,000</td>
<td>Jun-15</td>
<td>original 0/14/2014 revised review: Jun-16</td>
<td>Apr-16</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
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<td>TBD</td>
<td>Donor funding provided to advance concept to Schematic Design level. AE RevQ to be issued February 2016.</td>
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<td>Jule Pardee W. Davidson Renovation</td>
<td>$13,800,000</td>
<td>Nov-15</td>
<td>Pardee Renovation 5,000 QSF</td>
<td>TBD</td>
<td>Feb-16</td>
<td>Olshansky &amp; Holmes, Richmond VA</td>
<td>Apr-16</td>
<td>Oct-16</td>
<td>Oct-16</td>
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<tr>
<td>Baseball Stadium Expansion</td>
<td>$12,660,000</td>
<td>Jan-15</td>
<td></td>
<td>TBD</td>
<td>review: Jan-16</td>
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<td>review: Sep-16</td>
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<td>TBD</td>
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</tbody>
</table>
# Major Projects Status Report

## May 2016

### Other Authorized Academic Division Projects, Near Term (through June 30, 2018)

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total Budget</th>
<th>Project Approval</th>
<th>Scope</th>
<th>Concept/ Site/Design Outlines</th>
<th>Architect/ Engineer Selection</th>
<th>Schematic Design</th>
<th>Contractors/ Address/ Contract Date</th>
<th>Start</th>
<th>Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-18 Maintenance Reserve</td>
<td>18,400,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Allman Library Renewal (Last boy-Starks Expansion)</td>
<td>15,800,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Laboratory Renovations for new faculty labs</td>
<td>9,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>SEAS: System Upgrade at Clean Room - Thornton Hall C Wing</td>
<td>18,600,000</td>
<td>Sep-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Center for Human Therapeutics</td>
<td>9,600,000</td>
<td>Sep-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Physics Building Renewal</td>
<td>25,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Medical Research Building No. 4 Renovations</td>
<td>5,600,000</td>
<td>Sep-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Early Building Addition/Remodel</td>
<td>20,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Ancestral-Bush Coastal Research Center - Phase II</td>
<td>6,200,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td><strong>Total Other Authorized Projects, Near Term</strong></td>
<td><strong>$329,680,000</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### Other Authorized Academic Division Projects, Long Term (July 1, 2018 - June 30, 2022)

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total Budget</th>
<th>Project Approval</th>
<th>Scope</th>
<th>Concept/ Site/Design Outlines</th>
<th>Architect/ Engineer Selection</th>
<th>Schematic Design</th>
<th>Contractors/ Address/ Contract Date</th>
<th>Start</th>
<th>Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-20 Maintenance Reserve</td>
<td>$19,700,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Video Enstatt Fine Arts Learning</td>
<td>19,700,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Next Music Building</td>
<td>52,100,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Next South Lawn Academic Building - Phase II</td>
<td>27,400,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Thornton Hall D-Wing and E-Wing renovation</td>
<td>21,750,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>North Grounds to Old Ivy Recreation</td>
<td>5,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Old Cabell Hall Renewal</td>
<td>41,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Drama Building: Phase II South Addition</td>
<td>17,862,750</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Science and Engineering Teaching and Research Facility</td>
<td>156,225,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td>Science &amp; Engineering Plant: Replace Chemistry Chiller</td>
<td>25,600,000</td>
<td>Jan-15</td>
<td></td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td>T/BD</td>
<td></td>
<td>T/BD</td>
</tr>
<tr>
<td><strong>Total Other Authorized Projects, Long Term</strong></td>
<td><strong>$309,877,750</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

### Total Major Capital Projects $1,225,457,028
# Major Projects Status Report

**May 2016**

<table>
<thead>
<tr>
<th>Last Update</th>
<th>Total Worked Budget</th>
<th>Total Project Approval</th>
<th>Scope</th>
<th>Concept/ Site/Design Outlines</th>
<th>Architect/ Engineer Selection</th>
<th>Architect/ Address</th>
<th>Schematic Design</th>
<th>Construction Start</th>
<th>Complete Comments/ Update on Progress</th>
</tr>
</thead>
</table>

**University of Virginia, 209 - Medical Center**

**Authorized Medical Center Projects Under Construction**

- **Definitive Maintenance Umbrella: Hospital HVAC Plant III / Plant IV**
  - Total Budget: $20,000,000
  - Status: Apr-09, N/A, May-12, w/a replacement with no ext. impact
  - Complete: Dunphy/Ciccarelli, Richmond, VA 6/31/16

- **Education Resource Center**
  - Total Budget: $29,840,000
  - Status: Apr-13, revised: Nov-13, 45,500 sf new
  - Complete: Feb-13, Feb-13, CO Architects, Los Angeles, CA

- **University Hospital Renovations / Levels 7 & 8**
  - Total Budget: $20,600,000
  - Status: Apr-03, 55,000 sf renovation
  - Complete: Sep-13, BES, Richmond, VA

- **University Hospital Expansion**
  - Total Budget: $20,600,000
  - Status: Apr-03, MBI Education, Emergency Dept., Interventional Program, Bed Tower
  - Complete: ED/EE/EI Nov-13, Eos Health, Washington DC

- **Subtotal Authorized Projects Under Construction**
  - Total: $469,400,000

**Authorized Medical Center Projects in Planning**

- **Definitive Maintenance 10 Year Plan Master – Local Hospital Roof, HVAC II, III & IV, Deer Power, Exterior Roof**
  - Total Budget: $82,900,000
  - Status: Apr-09, Umbrella

- **Outpatient Procedure Center Renovation**
  - Total Budget: $13,600,000
  - Status: Sep-14, 32,400 sf renovation

- **Acquire and Renovate 500 Bay C. Burntol**
  - Total Budget: $55,600,000
  - Status: Nov-14, 59,600 sf renovation

- **Subtotal Authorized Projects in Planning**
  - Total: $156,500,000

**Other Authorized Medical Center Projects, Near Term (through June 30, 2018)**

- **Medical Center Data Center**
  - Total Budget: $22,500,000
  - Status: Jan-15, TBD

- **545 Bay C. Burntol Renovation**
  - Total Budget: $16,120,000
  - Status: Jun-15, TBD

- **Family Care Clinic Center – Center 4th Floor Ext. Out**
  - Total Budget: $7,600,000
  - Status: Jan-15, TBD

- **Subtotal Other Authorized Projects, Near Term**
  - Total: $40,160,000

**Med Care Major Capital Projects**

- **Program**
  - Total Budget: $599,520,000
## MAJOR PROJECTS STATUS REPORT
### MAY 2016

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Project Name</th>
<th>Total Budget</th>
<th>Working Budget</th>
<th>Project Scope</th>
<th>Concept/ Site Design Outlines</th>
<th>Architect/ Engineer Selection</th>
<th>Architect/ Address</th>
<th>Schematic Design</th>
<th>Contractors/ Address/ Contract Start</th>
<th>Complete Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Virginia, 246 - College at Wise</td>
<td>New Library</td>
<td>270,000</td>
<td>2,010,000</td>
<td>Apr-09</td>
<td>67,600 gsf</td>
<td></td>
<td></td>
<td></td>
<td>Current status: Building is in final stages of completion - mostly finish work. Currently installing HVAC and Landscaping. Final touches are being finalized. Baseball is expected to be completed by January 1, 2016. Move-in expected to begin in mid-July and last for 20 days.</td>
<td></td>
</tr>
</tbody>
</table>

**Authorized College at Wise Projects in Planning:**

| 2014-16 Maintenance Reserve | $505,626 | Jun-14 | NA, maintenance reserve | FY 15 & 16 Appropriations |

**Subtotal Authorized Projects in Planning:**

| $505,626 |

**Other Authorized College at Wise Projects, Near Term (July 1, 2015 - June 30, 2018):**

| 2016-18 Maintenance Reserve | $1,200,000 | Jun-15 | NA, maintenance reserve | |
| Renovate and Convert Willie | 12,400,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |
| Smith-Lovett Center Lab Wing Renovation | 26,500,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |
| Theatre | 24,500,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |
| Campus Wellness Center/Public Safety Facility | 2,600,000 | Jun-13 | TBD | TBD | TBD | TBD | TBD | TBD |

**Subtotal Other Authorized Projects, Near Term:**

| $61,085,000 |

**Other Authorized College at Wise Projects, Long Term (July 1, 2018 - June 30, 2023):**

| 2018-20 Maintenance Reserve | $1,300,000 | Jun-15 | NA, maintenance reserve | |
| Football Stadium | 2,700,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |
| Renovate-Replace Renovation | 4,185,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |
| Darden Hall Renovation | 18,975,000 | | | | | | | |
| Zeller Hall Renovation | 16,729,000 | Jun-15 | TBD | TBD | TBD | TBD | TBD | TBD |

**Subtotal Other Authorized Projects, Long Term:**

| $48,439,000 |

**UVA Major Capital Projects Program:**

| $144,561,878 |

**UVA Major Capital Projects Program:**

| $2,007,541,704 |
Maintenance Reserve  

State GF  $18.4M - $20.7M  

This is a biennial state appropriation for the repair and replacement of plant, property, and equipment to maintain or extend the useful life of the Academic Division’s Educational and General (E&G) facilities. This is a standard request that appears in each biennium of the capital program ($18.4M in the near-term, $19.5M in the mid-term, and $20.7M in the long-term).

Near Term (2016-18)

Alderman Library Renewal  

State GF  $152.5M  

Originally approved by the Board of Visitors in 2011, this project will renew Alderman Library’s 278,539 GSF for the 21st century without changing its footprint. Alderman Library houses nearly three million volumes and serves over 730,000 visitors per year. The current life safety and operational systems range in age from twenty-five to seventy-five years and do not properly protect or serve the assets it houses or the many visitors. The renewal project will install complete fire suppression and alarm systems, improved emergency warning systems, egress, and signage to address safety concerns. In addition, it will renovate spaces in accordance with ADA guidelines including elevators and bathrooms; and replace all mechanical, electrical and plumbing systems to provide better protection for collections, more comfort to people, and more sustainable energy efficiency. The 2016 General Assembly authorized planning for a Phase I Life Safety project for Alderman Library to begin no earlier than July 2017. Any incremental annual operating and maintenance costs for this facility would result in a request for shared state funding.

Physics Building Renewal  

State GF  $35.0M  

Originally approved by the Board of Visitors in 2013, this project will renew nearly 135,000 GSF of research and instruction space in the Physics Building which is nearly 60 years old. Included in the proposed scope is the renewal of mechanical systems and improved energy performance; addition of fire detection and suppression; repair of the exterior envelope and structure; and renewal of interior systems, finishes, and furnishings. The 2016 General Assembly authorized planning for this project to begin no earlier than July 2017.

Frank Batten School of Leadership and Public Policy  

Cost TBD  

A space needs assessment for the Batten School was conducted in early 2015 to identify the appropriate type and amount of space it needs to support its users and communities. Since its inception nine years ago, the Batten School has grown largely in line with original projections. As it continues to grow into a standalone, top-tier school, it requires space to accommodate planned enrollment growth and the expansion of its research programs. Based on the assessment, the total future space need is approximately 50,000 NSF for classrooms; research labs; faculty workspaces; student work, study, and social spaces; and event and public spaces. Next steps include identification of site options and assessment of renovation and new
construction scenarios, development of specific program requirement, and development of cost estimates and a funding strategy.

**Elson Student Health Center**  
*Cost TBD*

A recent space needs assessment and review of services provided by Student Health found that a significant space deficit that cannot be addressed by interior renovations and/or a modest addition to the current facility. Currently, all office and clinic spaces in the building are fully occupied with no flexibility to expand personnel or necessary services and with constraints that prevent efficient use of resources. In addition, future joint ventures that could benefit both the student population and other entities (e.g., UVA health system, athletics, and research) cannot be initiated at Student Health due to the space shortage. Based on the assessments, the future space need for Student Health is approximately 70,000 SF that will allow for efficient and flexible space to accommodate clinical activities and other services (CAPS, SDAC, OHP). Next steps include exploration of site options.

**Old Ivy Road Office Building**  
*Other $16.0M - $18.0M*

This project will construct an office building to house University related foundations or administrative departments including UVIMCO which is currently located at the Fontaine Research Park. Relocating offices from the research park would free up necessary space for medical clinics and research. The administration will identify additional units/departments to relocate to the new office building in order to maximize the efficient use of University-owned space.

**Memorial for Enslaved Laborers**  
*Private Cost TBD*

This project is the recommendation of the President’s Commission on Slavery and will create a physical memorial to commemorate the contributions of the enslaved workers who built and sustained the University.

**Center for Politics**  
*Private $14.0M*

This project will support increased public, teaching, and outreach work of the Center for Politics by creating a new free-standing building, adjacent to the existing house. The 12,400 GSF facility will provide spaces for meetings, classrooms, offices, research library, and media studio. The landscape will accommodate a modest increase in parking with accessible paths and patios linking the old facility with the new construction and exterior spaces will be programmed for large community programs and events.

**Tennis Stadium at Boar’s Head (UVAF)**  
*Private $11.75M - $12.75M*

Developed by the University of Virginia Foundation, this project will construct a 12-court outdoor tennis facility capable of hosting NCAA tournament play adjacent to the Boar’s Head Sports Club. The project will include a 10,000 GSF pavilion, stadium and seating, support facilities, and parking, as well as required access improvements. The pavilion will include locker rooms, lounge, coaches’ offices, and meeting rooms, as well as a court viewing platform. In addition to construction costs, private funds will be raised to cover operating costs.
**Golf Facility at Birdwood Golf Course (UVAF) Private $4.9M - $5.4M**

Developed by the University of Virginia Foundation, this project will construct a 10,000 GSF state-of-the-art eight-bay Indoor Golf Practice Facility for the UVA varsity golf teams and public guests at the Birdwood Golf Course. In addition to an all-weather golf practice area, it will include locker rooms, video analysis spaces, coaches’ offices, a lounge and meeting rooms, putting studio, and strength and conditioning space. The specific site for the facility has been identified, however, no work will be done until decisions related to improvements to the golf course are finalized. In addition to construction costs, private funds will be raised to cover operating costs.

**Mid-Term (2018-20)**

**Medical Research Building #4 (MR4) Renovation**

*State GF $21.5M*

*Private $21.5M*

*Total $43.0M*

Originally approved by the Board of Visitors in 2015, this project will replace outdated systems in MR4 which was designed and constructed in the late 1980s to support multiple research initiatives in the School of Medicine. While the building’s structural components are sound, various systems have reached the end of their service life and must be replaced in order to continue supporting both wet and computational research and to meet current research lab standards.

**Bayly Building Addition/Renovation**

*State GF $14.0M*

*Private $14.0M*

*Total $28.0M*

Originally approved by the Board of Visitors in 2009, this project will build on the work completed by the 2009 renovation of the Bayly Building, further upgrading the Bayly to complete life safety, accessibility, and systems modernization and compliance. The project will also include construction of a roughly 32,000 GSF addition to the west side of Bayly to house two major galleries, conservation and education space, and administrative and support spaces. The project will support the activities of an academic research museum: study, display, conservation, and storage of art in a secure, environmentally correct, and accredited environment. It will also facilitate the teaching and outreach programs of the museum.

**Anheuser-Busch Coastal Research Center – Phase II Private $6.3M**

Originally approved by the Board of Visitors in 2009, this project will add research, outreach, and housing space for the Coastal Research Center. Three buildings totaling 20,000 GSF will include a laboratory building housing seawater labs, teaching labs, herbarium, computational lab, and library space; a cabin with support space able to house up to 36 individuals; and a commons meeting space/outreach building that will include catering (warming) kitchen to support larger meeting and lecture functions.
<table>
<thead>
<tr>
<th>Project</th>
<th>Type</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiske Kimball Fine Arts Library</td>
<td>State GF</td>
<td>$18.5M</td>
</tr>
<tr>
<td></td>
<td>Private</td>
<td>$ 0.2M</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>$18.7M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2009, this project will renovate 27,000 GSF in the existing fine arts library to increase study and research space; renew building systems including heating, plumbing, ventilation, air conditioning, and electrical systems; install security and automation systems; and add an elevator, accessible bathrooms, and a high density shelving system; and provide for the consolidation of the Music and Fine Arts Libraries into a single location.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Music Building</td>
<td>Private</td>
<td>$52.1M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2009, this project will construct a new 50,000 GSF Music Building providing purpose-built facilities to include sound-isolated rehearsal and performance spaces, classrooms, teaching studios, practice rooms, efficient instrument storage, faculty offices, graduate student office space, lounges, and a main administrative office.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Grounds to Old Ivy Ductbank</td>
<td>Other</td>
<td>$ 5.2M</td>
</tr>
<tr>
<td></td>
<td>Auxiliary</td>
<td>$0.4M</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>$ 5.6M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2009, this project will install roughly 7,000 feet of ductbank along with two feeders from the North Grounds Substation to Old Ivy Road. Approximately one-half of the ductbank (3,500 feet) will support growth in the Massie Road/North Grounds area and service existing and new facilities in the area of Old Ivy Road improving service reliability via dual, underground electrical feeds.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Old Cabell Hall Renewal</td>
<td>State GF</td>
<td>$41.3M</td>
</tr>
<tr>
<td></td>
<td>Private</td>
<td>$ 0.5M</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>$41.8M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2009, the renewal of Old Cabell Hall will restore its 76,000 GSF of space, both interior and exterior, as a core multi-purpose classroom and academic building on the Lawn.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drama Building: Phase II South Addition</td>
<td>Private</td>
<td>$17.9M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2009, this project will construct a 21,000 GSF addition to the Drama Building including a dance studio theater, black box theater, faculty and graduate offices, costume construction suite, integrated media studio, and a lighting studio with storage and equipment rooms.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science/Engineering Plant: Replace Chemistry Chillers</td>
<td>Other</td>
<td>$20.0M</td>
</tr>
<tr>
<td></td>
<td>Auxiliary</td>
<td>$3.1M</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>$23.1M</td>
</tr>
<tr>
<td>(Originally approved by the Board of Visitors in 2011, this project will replace the existing 3,600 tons of capacity in the Chemistry Addition plant building with up to 4,500 tons of capacity. The)</td>
<td></td>
<td></td>
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</tbody>
</table>
actual size will be limited to and determined by available space and available chiller technology at the time of this project.

**MEDICAL CENTER**

**NEAR TERM (2016-18)**

**545 Ray C. Hunt Drive Renovation (clinic space)**  
*Operating Cash*  
$10.1M  
Originally approved by the Board of Visitors in 2015, this project will renovate 26,000 GSF at 545 Ray C. Hunt Dr. in the Fontaine Research Park to maximize the efficient use of Medical Center facility assets. The renovations will provide space for the new clinical space including exam and waiting/registration rooms.

**Emily Couric Clinical Cancer Center 4th Floor Fit-Out**  
*Operating Cash*  
$7.1M  
Originally approved by the Board of Visitors in 2015, the build out of the 22,000 GSF shell space in the Cancer Center will allow for the expansion of the Oncology clinical enterprise by providing new exam and treatment suites, expansion of the stem cell processing clinical laboratory, a day hospital to support expanded infusion services, and administrative and patient support space.

**Medical Center Data Center**  
*Operating Cash*  
$23.0M  
Originally approved by the Board of Visitors in 2015, the Medical Center’s replacement data center will provide space needed to keep up with current and future computing needs. The Medical Center’s primary data center is currently housed in the basement of Stacey Hall on West Main St. where it has existed for more than 25 years. Significant IT projects such as the implementation of an electronic medical record system (EPIC) expansion of centralized patient monitoring, and additional enterprise systems to support patient access and care, as well as the potential integration of Culpeper Hospital’s computing needs, are stressing the capabilities of the existing data center.

**COLLEGE AT WISE**

**Maintenance Reserve**  
*State GF*  
$1.2M-$1.5M  
This project is a biennial state appropriation for the repair and replacement of plant, property and equipment to maintain or extend the useful life of the College’s facilities. This is a standard request that appears in each biennium of the capital program ($1.2M in the near-term, $1.3M in the mid-term, and $1.5M in the long-term).

**NEAR TERM (2016-18)**

**Wyllie Library Renovation and Conversion**  
*State GF*  
$12.4M  
Originally approved by the Board of Visitors in 2009, this project converts 28,400 GSF of library space to be vacated upon completion of the new library currently under construction, to provide additional classrooms, study space, and faculty offices to meet the current and anticipated growth
needs of the College. This will be an interior re-use of an existing building and therefore is not expected to have any incremental operation and maintenance cost. The 2016 General Assembly authorized planning for this project to begin no earlier than July 2017.

**MID-TERM (2018-20)**

*Sandridge Science Center Lab Wing Renovation*  
*State GF*  
$32.2M  
Originally approved by the Board of Visitors in 2015, this project would update the science laboratories; replace aging infrastructure; and renovate laboratory, faculty office, and academic gathering spots within the facility.

*Campus Welcome Center/Public Safety Facility*  
*State GF*  
$4.9M  
Originally approved by the Board of Visitors in 2015, this project would update the science laboratories; replace aging infrastructure; and renovate laboratory, faculty office, and academic gathering spots within the facility.

*Proscenium Theatre*  
*State GF*  
$31.6M  
Originally approved by the Board of Visitors in 2009, this project will develop a 600-seat proscenium theatre, as well as provide the stage requirements for both College and community programs.

*Athletic Building*  
*Private*  
$15.7M  
Originally approved by the Board of Visitors in 2013, this project will house offices for the football and women’s lacrosse coaching staffs, athletic administration offices, conference rooms, study areas, and locker rooms. The project will locate the football and women’s lacrosse staff at the stadium providing them with more effective interaction with the teams.

**LONG-TERM (2020 AND BEYOND)**

*Bowers-Sturgill Hall Renovation*  
*State GF*  
$5.9M  
Originally approved by the Board of Visitors in 2015, this project would completely update and upgrade the facility's aging infrastructure (mechanical, electrical, and plumbing) while also addressing needed operational changes and improvements to accessibility. As an historic building, the renovation would need to be sensitive to those requirements.

*Darden Hall Renovation*  
*State GF*  
$24.7M  
Originally approved by the Board of Visitors in 2015, this project will renovate the interior of Darden Hall; update the mechanical, electrical, and plumbing infrastructure; address any known accessibility and/or operational shortcomings; and improve exterior facade deficiencies.
Zehmer Hall Renovation  

State GF  $23.6M

Originally approved by the Board of Visitors in 2015, this project will primarily be an interior renovation and update to the infrastructure of the building, addressing any known operational, accessibility, or exterior issues.
### University of Virginia

**Architect/Engineer Selections for Capital Projects $5 Million or Less**

**Period Ended May 13, 2016**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Selection Date</th>
<th>A/E Selected</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Clark Nexsen</td>
<td>5 year term contract $500,000/year</td>
</tr>
<tr>
<td>Academic Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Glave &amp; Holmes</td>
<td>5 year term contract $500,000/year</td>
</tr>
<tr>
<td>Academic Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Perkins Eastman</td>
<td>5 year term contract $500,000/year</td>
</tr>
<tr>
<td>Academic Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>SMBW</td>
<td>5 year term contract $500,000/year</td>
</tr>
<tr>
<td>Healthcare Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Hammel Green Abrahamson</td>
<td>5 year term contract $1,000,000/year</td>
</tr>
<tr>
<td>Healthcare Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Hord Coplan Macht</td>
<td>5 year term contract $1,000,000/year</td>
</tr>
<tr>
<td>Healthcare Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Nalls Architecture</td>
<td>5 year term contract $1,000,000/year</td>
</tr>
<tr>
<td>Healthcare Architectural Services Term Contracts</td>
<td>February 8, 2016</td>
<td>Price Studios</td>
<td>5 year term contract $1,000,000/year</td>
</tr>
</tbody>
</table>
University of Virginia

RUTH CAPLIN THEATRE
POST OCCUPANCY EVALUATION

Background
The primary goal of the Ruth Caplin Theatre project, completed in 2013, was to expand the capabilities of the Drama Department and its growing dance program through the addition of a new multi-purpose performance venue and improvement of existing spaces. Project scope included the new 300-seat thrust theatre, dressing rooms, expanded lobby and restrooms, and a “green” roof terrace.

Information for this POE was gathered via a walk-through, a Facilities Management assessment, and a web-based survey distributed to students, faculty and theatre patrons.

Key Findings and Recommended Actions
Survey results show that 79% of student, faculty and staff respondents and 77% of patrons have an overall positive impression of the theatre. 67% of Drama Department respondents gave the theatre positive ratings for flexibility. 87% have an overall positive impression of the lobby.

ACTION: A more “finished”, formal modular stage is preferable to the in-house stage.

FINDING: There is a leak at the base of the foundation wall in the south side of the building facing Campbell Hall.

ACTION: Efforts have been made by Facilities Management to stop the leak by injecting the area with an expanding chemical sealant. The last injections were successful and it is believed that re-injection of the area with a remaining leak could resolve the problem.

FINDING: Survey respondents complained about seating, with many comments related to the steepness of the house – a feature common to thrust theatres. The steps have irregular tread sizes, as the deeper treads are an extension of the aisles. While this design meets code, the inconsistency combined with steepness and visibility in a dimly lit space has created a stumbling hazard. Lighting on the stairs is poor and the thick rubber nosing on each of the treads contributes to the depth inconsistencies.

ACTION: Effort should be made to improve lighting on the stairs rather than mask with tape, and resolve problems with the rubber nosing.

FINDING: Only 16.7% of respondents reported using the rooftop terrace, echoing Drama Department staff’s observations. 67% indicated that they would use the terrace if there were tables and chairs and some level of shade.

ACTION: It is recommended that tables and chairs be funded and purchased, with shade opportunities to be explored.

FINDING: The theatre’s catwalk is in the booth’s sightline, blocking its view of the stage. The roof of the two-story addition could not go any higher to allow for more catwalk space.

ACTION: Currently unresolvable.
Background

The North Grounds Recreation Center (NGRC) project, completed in January 2014, was intended to meet the University’s need for more aquatic and intramural programming space. The project resulted in a 33,000 square foot addition including a ten lane pool, wet classroom, locker rooms, a mind-body multi-purpose room, an interactive Cycle Studio and two international size squash courts as well as renovations to existing racquetball courts and an enlarged fitness area.

Key Findings and Recommended Actions

Survey respondents viewed the project as highly successful, giving it a 95% satisfaction rating. Survey respondents also expressed satisfaction with thermal comfort in both the addition and the renovated sections of the building, respectively 68% positive / 25% neutral and 93% positive.

FINDING: LED lighting was used in the NGRC addition, resulting in higher positive ratings than the renovated section where original florescent lighting is unchanged. Natural lighting was also viewed as a positive aspect of the building addition, but the renovated fitness room received a 21% negative rating.

ACTION: NGRC, with assistance from the Office for Sustainability, is underway with retrofitting fixtures to LED lighting in the renovated section of the building.

FINDING: The new pool and extended hours offered have brought about an increase in users; the new facility is well received. NGRC staff’s intention is to provide as many hours as possible for informal lap swimming. Lessons learned from the Aquatic and Fitness Center (AFC) were applied to the design and construction of the new pool and paid off in a successful aquatic facility. For example, special attention was paid to the quality of the air system, the concealing of as much ductwork as possible, and good drainage outside the pool. A back up dehumidification unit ensures that there is no down time. Lights were placed at the edges of the pool rather than directly over it and are therefore easier to change. Windows from the guard and aquatics offices were maximized for clear sightlines to the pool area.

When settling, contracting and expanding in the building resulted in cracks below the pool and some popping tiles, the contractor provided additional engineering to address the problem and Facilities Management continues to offer strong support. Condensation appeared on the sills and top frames of several sections of windows during periods of the most recent winter season, a sign of air infiltration.

ACTION: A team from Facilities Management along with high level HVAC engineers, will resume further investigation during the late Fall and Winter months.

FINDING: Space is not well allocated within the 2nd floor locker rooms. The restrooms occupy too much space and there is not enough locker area or shower privacy. The extra restroom space might also have been better used as a dry off area, which is needed. The drains are level instead of recessed, resulting in water pooling on the floor. Pool users have also expressed a desire for more of the larger lockers.

ACTION: The NGRC staff have already begun switching out the Z-styled lockers for larger style lockers in both locker rooms. Privacy concerns in the men’s shower areas at both the first floor and second floor locker rooms will be addressed with the addition of privacy screens between each shower head.

FINDING: Expanding the fitness room has drawn people into the Center, and the room remains busy all day. There is now a need for more fitness space for cardio and workouts; ideally a large 800 – 2,000 square foot open space.